

The following were collected by David Hammond, North Arizona University, Flagstaff, Arizona, United States. Received 09/19/1996.

PI 596520. *Solanum fendleri* A. Gray

Wild. HAMM 11067. Collected 09/19/1996 in Arizona, United States. Elevation 2740 m. Apache Co. AZ 373 at Hall Creek (Tributary of Little Colorado River), north of Greer. Plants amongst broken volcanic rock about 10-15 feet above stream. Growing in full sun.

The following were donated by Drew Ivers, Land O'Lakes, Inc., R.R. 2, Webster City, Iowa 50595, United States; Dave Gedge, 1307 Creekside Court, Idaho Falls, Idaho 83404, United States; Walter R. Fehr, Iowa State University, Office of Biotechnology, 1210 Molecular Biology Building, Ames, Iowa 50011, United States; A.F. Schmitthenner, Ohio State University, Dept. of Plant Pathology, Columbus, Ohio 43210, United States. Received 1983.

PI 596521. *Glycine max* (L.) Merr.

Breeding. A1. GP-18. Pedigree - Anoka x Mack. Group III maturity. Resistant race 3 *Phytophthora megasperma*. Flowers purple. Tawny pubescence. Seed has black hilum. Acceptable agronomic characteristics.

The following were donated by Walter R. Fehr, Iowa State University, Office of Biotechnology, 1210 Molecular Biology Building, Ames, Iowa 50011, United States; J.B. Bahrenfus. Received 1983.

PI 596522. *Glycine max* (L.) Merr.

Breeding. A2. GP-32. Pedigree - M63-17 x C1453. Resistant iron deficiency chlorosis on calcareous soils. Displays little or no yellowing on calcareous soils (average score 1.5 for resistance). White flowers. Gray pubescence. Brown pods at maturity. Shiny yellow seeds with yellow hila. Group I maturity. Best adapted 43 degrees to 44 degrees N Lat. Moderately susceptible bacterial blight, brown stem rot, and pod and stem blight. Susceptible purple stain, phytophthora rot, and soybean mosaic virus.

The following were donated by Walter R. Fehr, Iowa State University, Office of Biotechnology, 1210 Molecular Biology Building, Ames, Iowa 50011, United States; R. L. Clark, USDA-ARS, Regional Plant Introduction Station, Iowa State University, Ames, Iowa 50011, United States; L.C. Card; H. Tachibana, AR-SEA-USDA, Iowa State University, Ames, Iowa 50011, United States. Received 1983.

PI 596523. *Glycine max* (L.) Merr.

Breeding. A3. GP-34. Pedigree - C1426 x AP68-315. Moderate resistance brown stem rot. Desirable agronomic characteristics. Flowers purple. Gray pubescence. Brown pods at maturity. Shiny yellow seeds with yellow hila. Group I maturity. Moderately resistant pod and stem blight. Moderately susceptible bacterial blight. Susceptible purple stain, phytophthora rot and soybean mosaic virus.